Title (en)

OPTICAL MEASUREMENT SYSTEM AND METHOD WITH TARGET BRIGHTNESS LEVEL ADJUSTMENT

Title (de)

OPTISCHES MESSSYSTEM UND VERFAHREN MIT EINSTELLUNG DES ZIELHELLIGKEITSNIVEAUS

Title (fr)

SYSTÈME DE MESURE OPTIQUE ET PROCÉDÉ DE RÉGLAGE DE NIVEAU DE LUMINOSITÉ CIBLE

Publication

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Application

EP 17188112 A 20150702

Priority

- US 201462020515 P 20140703
- EP 15739437 A 20150702

Abstract (en)

The invention relates to a method for measuring a characteristic of an eye of a subject, the method comprising: providing a fixation target for a subject to view; ascertaining a diameter of a pupil of the eye of the subject while the subject views the fixation target; adjusting a brightness level of the fixation target to a selected brightness level corresponding to the ascertained diameter of the pupil of the eye; and objectively measuring at least one characteristic of the eye of the subject while the subject views the fixation target at the selected brightness level.

IPC 8 full level

A61B 3/00 (2006.01)

CPC (source: EP US)

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Citation (applicant)

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US 2016000316 A1 20160107; **US 9757025 B2 20170912**; AU 2015283848 A1 20170112; CA 2953263 A1 20160107; EP 3164053 A1 20170510; EP 3272275 A1 20180124; EP 3420888 A1 20190102; US 10485417 B2 20191126; US 2017367572 A1 20171228; WO 2016004402 A1 20160107

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US 201514791175 A 20150702; AU 2015283848 A 20150702; CA 2953263 A 20150702; EP 15739437 A 20150702; EP 17188112 A 20150702; EP 18183725 A 20150702; US 2015039132 W 20150702; US 201715701326 A 20170911